

WE CLAIM:

1. A stretchable web comprising:

a three-dimensional web having a plurality of elongated cells aligned to provide mechanical elasticity perpendicular to the aligned elongated apertures, and

a retractive force mechanism to provide increased retractive force in the direction of mechanical elasticity.
2. The web of claim 1, wherein the retractive force mechanism comprises lanes of two-dimensional material positioned between lanes of three-dimensional elongated cells.
3. The web of claim 1, wherein the retractive force mechanism comprises lanes of a plurality of smaller cells between lanes of a plurality of larger cells.
4. The web of claim 1, wherein the retractive force mechanism is a reinforcing layer bonded to said web.
5. The web of claim 4, wherein the reinforcing layer is selected from the group consisting of film, non-woven, woven, necked non-woven, slit non-woven, apertured non-woven, apertured film, apertured film with elongated apertures, laminates, incrementally stretched non-wovens, and mixtures thereof.
6. The web of claim 4, wherein the reinforcing layer is bonded to the web with a plurality of discrete bonds.
7. The web of claim 4, wherein the reinforcing layer is bonded to the web with an adhesive or an elastic adhesive.
8. The web of claim 1 wherein the elongated cells are apertures.
9. The web of claim 1 wherein the retractive force mechanism comprises at least one bridging element positioned across at least one elongated cell.

10. The web of claim 9 wherein the bridging element is comprised of the same material as the web.
11. The web of claim 9 wherein the bridging element is comprised of a material selected from the group consisting of adhesive, elastic adhesive, film strips, non-woven strips, and mixtures thereof.
12. The web of claim 9, wherein the bridging element is positioned across the minor axis of at least one elongated cell.
13. The web of claim 12, wherein the bridging element is ruptured across the at least one elongated cell.
14. A stretchable web, comprising:
a web of material; and
pinwheel groupings of three-dimensional cells in the inelastic material, the groupings including a central cell and a plurality of cells at least partially surrounding the central cell to create elasticity.
15. The web of claim 14 wherein the plurality of cells at least partially surrounding the central cell includes at least a pair of "C" shaped cells.
16. The web of claim 15 wherein the plurality of cells at least partially surrounding the central cell comprises at least two shapes of cells.
17. The web of claim 14 wherein the three-dimensional cells include a plurality of apertures.
18. A method of making the web of claim 1, comprising:
forming a three-dimensional web comprising a plurality of elongated apertures aligned to provide mechanical elasticity perpendicular to the aligned elongated apertures; and
providing a retractive force mechanism to the three-dimensional web to increase the retractive force of the web.

19. The method of claim 18, wherein providing the retractive force mechanism comprises forming the three-dimensional web using a screen having at least one lane of perforations positioned between at least one lane of unperforated screen to provide a web having at least one lane of two-dimensional material positioned between at least one lane of three-dimensional elongated cells.
20. The method of claim 18, wherein providing the retractive force mechanism comprises forming the three-dimensional web using a screen having a plurality of first perforations positioned between a plurality of second perforations where the first perforations have a diameter smaller than the second perforations.
21. The method of claim 18, wherein providing the retractive force mechanism comprising bonding a reinforcing layer to the web.
22. The method of claim 21, wherein the reinforcing layer is selected from the group consisting of film, non-woven, woven, necked non-woven, slit non-woven, apertured non-woven, apertured film, apertured film with elongated apertures, laminates, incrementally stretched non-wovens, and mixtures thereof.
23. The method of claim 21, wherein the reinforcing layer is bonded to the web with a plurality of discrete bonds.
24. The method of claim 21, wherein the reinforcing layer is bonded to the web with an adhesive or an elastic adhesive.
25. The method of claim 18 wherein providing the retractive force mechanism comprises positioning at least one bridging element across at least one elongated cell.
26. The method of claim 25 wherein the bridging element is comprised of the same material as the web.

27. The method of claim 25 wherein the bridging element is comprised of a material selected from the group consisting of adhesive, elastic adhesive, film strips, non-woven strips, and mixtures thereof.

28. The method of claim 25, wherein the bridging element is positioned across the minor axis of at least one elongated cell.

29. The method of claim 28, wherein the bridging element is ruptured across the at least one elongated cell.

30. A laminate comprising the web of claim 1 and an additional layer laminated to the web.

31. An absorbent garment comprising the web of claim 1.